

Appl. No. 10/532,027  
 Reply to Office Action of April 19, 2007

Amendments to the Claims:

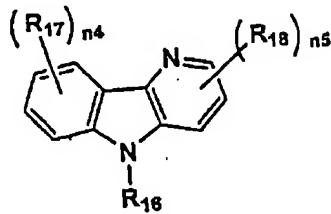
This listing of claims will replace all prior versions, and  
 listings, of claims in the application:

Listing of Claims:

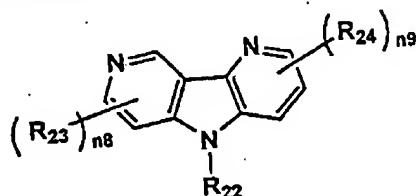
Claims 1-3 (Canceled)

4. (Currently amended) A [[The]] pyrrole derivative for [[the]] an  
 organic electroluminescent element represented by one of Formulae (7)  
 to (11) [[(10)]]:

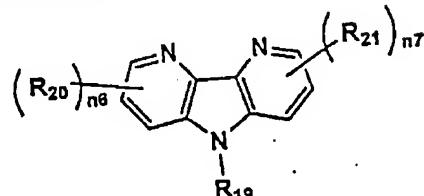
Formula (7)



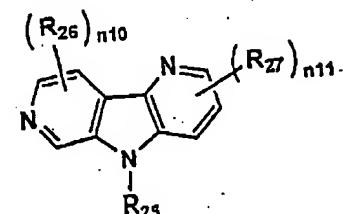
Formula (9)



Formula (8)



Formula (10)



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wherein:

$R_{16}$ ,  $R_{19}$ ,  $R_{22}$  and  $R_{25}$  each represent an alkyl group which may have a substituent, a cycloalkyl group which may have a substituent, an aryl group which may have a substituent or a heterocyclic group which may have a substituent;

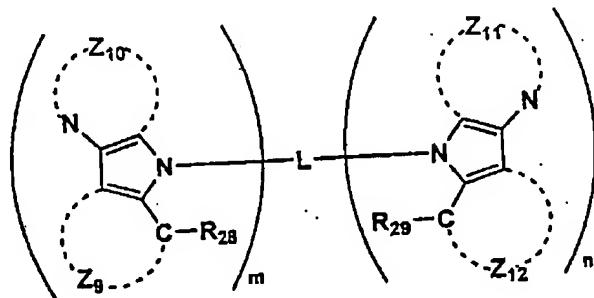
$R_{17}$ ,  $R_{18}$ ,  $R_{20}$ ,  $R_{21}$ ,  $R_{23}$ ,  $R_{24}$ ,  $R_{26}$ , and  $R_{27}$  each represent a substituent;

$n_4$  represents an integer of 0 to 4; and

$n_5$  through  $n_{11}$  each represent an integer of 0 to 3;

and

Formula (11)



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wherein:

R<sub>28</sub>, and R<sub>29</sub> each represent a hydrogen atom or a substituent;  
Z<sub>9</sub> and Z<sub>12</sub> each represent a group of atoms necessary to form a 5-  
to 7-member fused ring;

Z<sub>10</sub> and Z<sub>11</sub> each represent a group of atoms necessary to form a  
nitrogen-containing 5-to 7-membered heterocycle;

L represents a linking group of divalent through tetravalent; and  
m and n each represent an integer of 1 or 2.

**Claims 5-6 (Cancelled)**

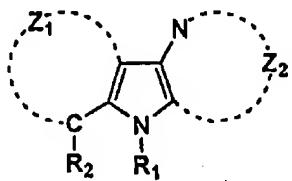
7. (Currently amended) An [[The]] organic electroluminescent  
element comprising a pair of electrodes having therebetween one or  
more constituting layers, wherein:

at least one of the constituting layers is a light emitting  
layer;

one of the constituting layers contains the pyrrole derivative  
for the organic electroluminescent element of claim 1 represented by  
the following Formula (1), and having a molecular weight of not less  
than 450:

Formula (1)

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wherein:

R<sub>1</sub> represents an alkyl group which may have a substituent, a cycloalkyl group which may have a substituent, an aryl group which may have a substituent or a heterocyclic group which may have a substituent;

R<sub>2</sub> represents a hydrogen atom or a substituent;

Z<sub>1</sub> represents a group of atoms necessary to form a 5-to 7-membered fused ring combined with two carbon atoms; and

Z<sub>2</sub> represents a group of atoms necessary to form a nitrogen-containing 5-to 7-membered heterocycle combined with a carbon atom and a nitrogen atom.

8. (Original) The organic electroluminescent element of claim 7, wherein the light emitting layer contains the pyrrole derivative for the organic electroluminescent element.

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9. (Previously presented) The organic electroluminescent element of claim 7, wherein the constituting layers contain a hole blocking layer containing the pyrrole derivative for the organic electroluminescent element.

10. (Previously presented) The organic electroluminescent element of claim 7, wherein the organic electroluminescent element emits blue light.

11. (Previously presented) The organic electroluminescence element of claim 7, wherein the organic electroluminescent element emits white light.

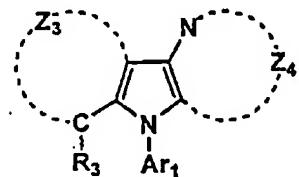
12. (Previously presented) An illuminator comprising the organic electroluminescent element of claim 7.

13. (Previously presented) A display device comprising the organic electroluminescent element of claim 7.

14. (New) The organic electroluminescent element of claim 7, wherein the pyrrole derivative is represented by Formula (2)

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Formula (2)

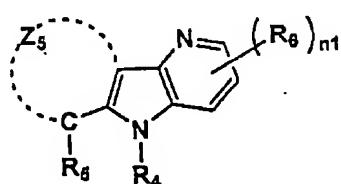


wherein:

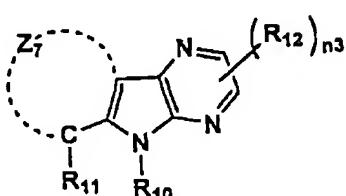
Ar<sub>1</sub> represents an aryl group which may have a substituent, or a heterocyclic group which may have a substituent;  
R<sub>3</sub> represents a hydrogen atom or a substituent; and  
Z<sub>3</sub> and Z<sub>4</sub> each represent a group of atoms necessary to form a 5- to 7-member fused ring.

15. (New) The organic electroluminescent element of claim 7,  
wherein the pyrrole derivative is represented by one of Formulae (3)  
to (6):

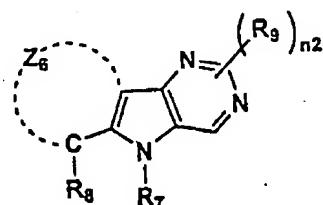
Formula (3)



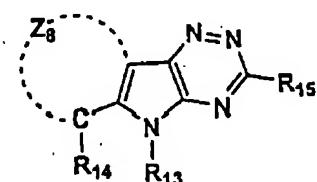
Formula (5)



Formula (4)



Formula (6)



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wherein:

$R_4$ ,  $R_7$ ,  $R_{10}$  and  $R_{13}$  each represent an alkyl group which may have a substituent, a cycloalkyl group which may have a substituent, an aryl group which may have a substituent or a heterocyclic group which may have a substituent;

$R_5$ ,  $R_6$ ,  $R_8$ ,  $R_9$ ,  $R_{11}$ ,  $R_{12}$ ,  $R_{14}$ , and  $R_{15}$  each represent a substituent;

$Z_5$  through  $Z_8$  each represent a group of atoms necessary to form a 5-to-7-membered fused ring;

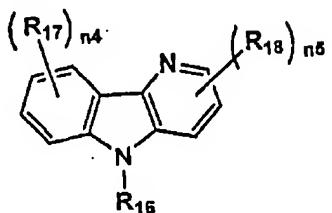
$n_1$  represents an integer of 0 to 3; and

$n_2$  and  $n_3$  each represent an integer of 0 to 2.

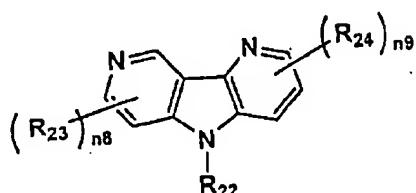
16. (New) The organic electroluminescent element of claim 7, wherein the pyrrole derivative is represented by one of Formulae (7) to (10):

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Formula (7)



Formula (9)



wherein:

R<sub>16</sub>, R<sub>19</sub>, R<sub>22</sub> and R<sub>25</sub> each represent an alkyl group which may have a substituent, a cycloalkyl group which may have a substituent, an aryl group which may have a substituent or a heterocyclic group which may have a substituent;

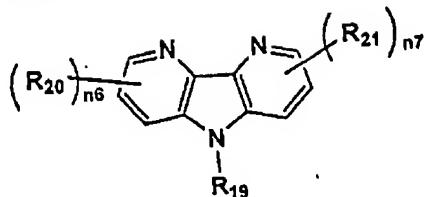
R<sub>17</sub>, R<sub>18</sub>, R<sub>20</sub>, R<sub>21</sub>, R<sub>23</sub>, R<sub>24</sub>, R<sub>26</sub>, and R<sub>27</sub>, each represent a substituent;

n<sub>4</sub> represents an integer of 0 to 4; and

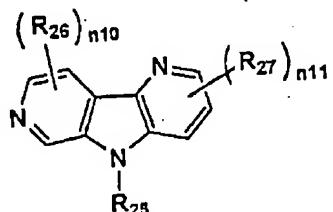
n<sub>5</sub> through n<sub>11</sub> each represent an integer of 0 to 3.

17. (New) The organic electroluminescent element of claim 7, wherein the pyrrole derivative is represented by Formula (11)

Formula (8)

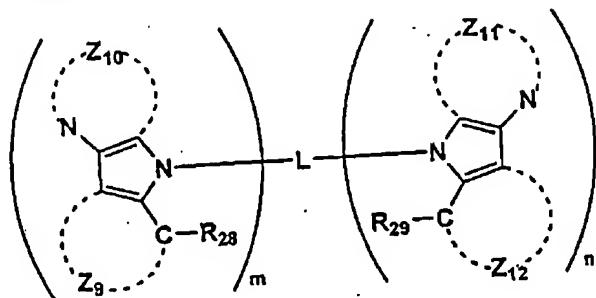


Formula (10)



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Formula (11)



wherein:

$R_{28}$ , and  $R_{29}$  each represent a hydrogen atom or a substituent;

$Z_9$ , and  $Z_{12}$  each represent a group of atoms necessary to form a

5-to 7-membered fused ring;

$Z_{10}$  and  $Z_{11}$  each represent a group of atoms necessary to form a nitrogen-containing 5-to 7-membered heterocycle;

$L$  represents a linking group of divalent through tetravalent;

and

$m$  and  $n$  each represent an integer of 1 or 2.

18. (New) The organic electroluminescent element of claim 7  
 wherein a wavelength giving a fluorescence maximum of the pyrrole  
 derivative represented by Formula (1) or Formula (2) is not more  
 than 500 nm.

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19. (New) The organic electroluminescent element of claim 14  
wherein a wavelength giving a fluorescence maximum of the pyrrole  
derivative represented by Formula (1) or Formula (2) is not more  
than 500 nm.

20. (New) The organic electroluminescent element of claim 15  
wherein a wavelength giving a fluorescence maximum of the pyrrole  
derivative represented by Formula (1) or Formula (2) is not more  
than 500 nm.

21. (New) The organic electroluminescent element of claim 16  
wherein a wavelength giving a fluorescence maximum of the pyrrole  
derivative represented by Formula (1) or Formula (2) is not more  
than 500 nm.

22. (New) The organic electroluminescent element of claim 17  
wherein a wavelength giving a fluorescence maximum of the pyrrole  
derivative represented by Formula (1) or Formula (2) is not more  
than 500 nm.